

Mrs. Maddock's Lesson Plans for the week of April 12-16

PLANE & SOLID GEOMETRY		
Hour 1		
MONDAY	Lesson	11-6: Segment Relationships in Circles
	Objective(s)	1) Find the lengths of segments formed by lines that intersect circles 2) Use the lengths of segments in circles to solve problems
	Assignment	TBA
TUESDAY	Lesson	No Class ... MCA Tests
	Objective(s)	
	Assignment	
WEDNESDAY	Lesson	No Class ... MCA Tests
	Objective(s)	
	Assignment	
THURSDAY	Lesson	11-7: Circles in the Coordinate Plane
	Objective(s)	1) Write equations and graph circles in the coordinate plane 2) Use the equation and graph of a circle to solve problems
	Assignment	TBA
FRIDAY	Lesson	Quiz
	Objective(s)	Assess student understanding of concepts and begin reviewing for Chapter 11 Test
	Assignment	Ch. 11 Review

ALGEBRA 2
Hours 2 & 3

MONDAY	Lesson	MCA Prep
	Objective(s)	Review topics in preparation for the MCA
	Assignment	None
TUESDAY	Lesson	No Class ... MCA Test
	Objective(s)	
	Assignment	
WEDNESDAY	Lesson	No Class ... MCA Test
	Objective(s)	
	Assignment	
THURSDAY	Lesson	Activity?
	Objective(s)	
	Assignment	
FRIDAY	Lesson	Activity?
	Objective(s)	
	Assignment	

COLLEGE PRECALCULUS

Hours 5 & 7

MONDAY	Lesson	MCA Prep
	Objective(s)	Review a variety of concepts in preparation for the MCA
	Assignment	None
TUESDAY	Lesson	10-1: Polar Introduction to Analytic Geometry
	Objective(s)	1) Find the distance and midpoint between two points on a coordinate plane 2) Prove geometric relationships among points and lines using analytical methods
	Assignment	p. 620-621
WEDNESDAY	Lesson	10-2: Circles
	Objective(s)	1) Use and determine the standard and general forms of the equation of a circle 2) Graph circles
	Assignment	p. 627-629 #15-27 odds; 48
THURSDAY	Lesson	10-3: Ellipses
	Objective(s)	1) Use and determine the standard and general forms of the equation of an ellipse 2) Graph ellipses
	Assignment	p. 638-639 #17-41 odds
FRIDAY	Lesson	Extra Practice 10.1-10.3
	Objective(s)	Provide extra practice for mastery of the concepts in lessons 1-3
	Assignment	Worksheets

COLLEGE ELEMENTARY STATISTICS

Hour 6

MONDAY	Lesson	Chapter 7 Wrap-up
	Objective(s)	Answer questions and provide further review of concepts in preparation for the test
	Assignment	Prepare for Test
TUESDAY	Lesson	Chapter 7 TEST
	Objective(s)	Assess understanding of Chapter 7 concepts
	Assignment	None
WEDNESDAY	Lesson	8-1: Estimating μ When σ Is Known
	Objective(s)	<ol style="list-style-type: none"> 1) Explain the meaning of confidence level, error of estimate, and critical value. 2) Find the critical value corresponding to a given confidence level. 3) Compute confidence intervals for μ when σ is known. Interpret the results. 4) Compute the sample size to be used for estimating the mean μ.
	Assignment	p. 324-327 #1-10
THURSDAY	Lesson	8-1 continued
	Objective(s)	Provide a deeper understanding of confidence intervals
	Assignment	TBA
FRIDAY	Lesson	8-2: Estimating μ When σ Is Unknown
	Objective(s)	<ol style="list-style-type: none"> 1) Learn about degrees of freedom and Student's t distribution 2) Find critical values using degrees of freedom and confidence level 3) Compute confidence intervals for μ when σ is unknown. What does this information tell you?
	Assignment	p. 335-339 TBA